GinShiCel MH 133-SD

Technical Data Sheet

GinShiCel MH 133-SD is a non-ionic, water soluble cellulose ether. It improves the consistency, the stability, and the water retention of water based products.

Specifications

GinShiCel MH 133-SD is a medium viscosity grade of Hydroxy Propyl Methyl Cellulose, also known as HPMC / MHPC.

Physical data

Appearance: Whitish powder or granules
Particle size: 99% < 250µm
Water Content: Max 5%
Ash Content: Max 6%
Methoxyl Content: 19-24%
Hydroxypropyl Content: 4-12%

Characteristics of aqueous solutions

pH (2% solution): Neutral
Viscosity (2% solution) cps: 38000 ~ 42000mpas
           (1% solution) cps: 3800 ~ 4200mpas

GinShiCel MH 133-SD can be directly mixed with water and allowed to hydrate slowly. Alternatively, hydration and viscosity development can be catalyzed by adding ammonia or other alkaline pH adjusters.

Packaging and Storage

The product is packed in multi-layer paper bags with an inner polyethylene bag. Net weight 25KG. The empty bags can be recycled or burned. In unopened bags, this product can last several years. In opened bags, the moisture content of this product will be influenced by air humidity. See MSDS for information on handling, transportation, and storage of the product.

CAS Number

9004-65-3